

Magnitude 7 Metals, LLC.

P.O. Box 395 391 St. Jude Industrial Park Marston, MO 63866 Tel (573) 643-0023 Fax (573) 643-0016

Fax (573) 643-0016 RECEIVED

OCT 0 4 2019

September 27, 2019

AWMD/APCO

EPA Region VII Missouri Air Compliance Coordinator 11201 Renner Blvd Lenexa, KS 66219 CERTIFIED MAIL #7011 2000 0002 1115 9053

Air Pollution Control Program Enforcement Section Chief P.O. Box 176 Jefferson City, MO 65102 CERTIFIED MAIL #7011 2000 0002 1115 9060

#### RE: SEMI-ANNUAL MONITORING REPORT FOR MAGNITUDE 7 METALS, LLC

Attached are the semi-annual monitoring reports for Magnitude 7 Metals LLC operating permits. Magnitude 7 has four separate operating permits as follows:

- 1. OP2001032
- 2. OP2001033
- 3. OP2001-062
- 4. OP2001-066

If you have any questions, or need additional information, you can contact me or Matt Shannon at (573) 643-0023.

Sincerely,

Don Backfisch

**Environmental Director** 

**Enclosure** 

CC: C. Reali



## AIR POLLUTION CONTROL PROGRAM PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

FIPS NO.		PLANT NO.						
143	20.04	0008						
INSTALLATION NAME								
Magnitude 7 Metals LLC								
INSTALLATION LOCATION (STREET ADDRESS AND CITY)								
391 St. Jude Industrial Park, P.O. Box 395, Marston, MO 63866								
OPERATING PERMIT NUMBER		DATE OPERATING PERMIT IS	SSUED					
OP2001-032		4/15/2001						
TYPE OF REPORT								
☐ Annual Compliance Certif		nnual Monitoring Repo		☐ Exceedance Report				
If Annual Compliance Certification requirements for the Semi-Annual Compliance Certification (Compliance Certification)		liance Certification bein	ng submitted to	also fulfill the reporting				
REPORTING PERIOD START DATE		REPORTING PERIOD END DA	TE					
01/01/2019		06/30/2019						
	RESPONSIBL	E OFFICIAL	PERM	IT CONTACT PERSON				
Name	Charles	Reali		Don Backfisch				
Title	CEC	)	En	vironmental Director				
Mailing Address	P.O. Box 395 Marston, MO 63866		P.O. Box 395 Marston, MO 63866					
Telephone Number with Area Code	573-643	-0023		573-643-0023				
Has the above information cha	anged since the issuance	of the operating permit	? 🗹 YES 🗆	NO				
CERTIFICATION STATEMEN	Transfer of the same							
I certify, based on information true, accurate and complete.*	and belief formed after re-	asonable inquiry, the s	tatements and i	nformation in this document are				
SIGNATURE OF RESPONSIBLE OFFICIAL PRINTENAME OF RESPONSIBLE OFFICIAL	W. Jan	<u></u>		9-27-19				
Charles Reali	(							
*This certification means that the signatory has verified compliance with all applicable regulations and operating permit conditions, and that the installation has complied with all monitoring, record keeping, reporting and testing conditions specified in the operating permit unless specified differently in a deviations report. For information concerning administrative and civil penalties, consult Section 643.085 of the Revised Statutes of the State of Missouri (RSMo) and Section 643.151 RSMo, respectively.								
PART 2 DEVIATION INQUIR	Υ							
FIPS NO.		PLANT NO.						
143		0008						
INSTALLATION NAME								
Magnitude 7 Metals LLC								

REPORTING PERIOD
1 January 2019 through 30 June 2019
1. PLANT-WIDE PERMIT CONDITIONS
Did the installation experience any deviations during the reporting period from the plant-wide permit conditions?
☐ YES ☑ NO
2. EMISSION UNIT PERMIT CONDITIONS
Did the installation experience any deviations during the reporting period from the emission unit permit conditions?
☐ YES ☑ NO
3. CORE PERMIT REQUIREMENTS
Did the installation experience any deviations during the reporting period from the core permit conditions?
☐ YES ☑ NO
4. GENERAL PERMIT REQUIREMENTS
Did the installation experience any deviations during the reporting period from the general permit conditions?
☐ YES ☑ NO
NOTE: If you checked "Yes" in any of the four deviation questions above, and the installation has not previously reported the deviations, the installation must complete Part 3 of the Compliance Certification and Monitoring Report Form.
5. CURRENT COMPLIANCE STATUS
Are you currently in compliance with all air pollution requirements?  YES NO
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	PART 3 - DEVIATIONS FROM REC	QUIRED MONITORING	。 [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]
Ī	FIPS NO.	PLANT NO.	INSTALLATION NAME
	143	0008	Magnitude 7 Metals LLC
	REPORT PERIOD START DATE		REPORT PERIOD END DATE
	01/01/2019		06/30/2019

/01/2019				06/30/2019				
PERMIT CONDITION	POLLUTANT	MONITORED LEVEL	MONITORING METHOD	DEVIATION DESCRIPTION	DEVIATION DATE	DEVIATION DURATION	CAUSE OF DEVIATION	CORRECTIVE ACTION
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PART 4 - DEVIATION REPORT	SUMMARY			
FIPS NO.		PLANT NO.		
143		0008		
INSTALLATION NAME				
Magnitude 7 Metals LLC				
REPORTING PERIOD				
1 January 2019 through 30 June	2019			
WERE THERE ANY OTHER MONITORING RESOURCES - AIR POLLUTION CONTRO	DEVIATION (EXCESS EMISSION)	REPORTS SUBMITTED TO THE MIS	SSOURI DEPARTMENT OF	NATURAL
☐ YES ☑ NO (If yes, submit a				
	BURGOS SOLICIO E CARLO	A STATE OF THE REAL PROPERTY.	ary below.)	DATE
PERMIT CONDITION	REPORT	NG REQUIREMENT	s	UBMITTED
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MO 780-1808 (09-13)				Page 4



# MISSOURI DEPARTMENT OF NATURAL RESOURCES AIR POLLUTION CONTROL PROGRAM PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

FIPS NO.		PLANT NO.						
143	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0008						
INSTALLATION NAME								
Magnitude 7 Metals LLC								
INSTALLATION LOCATION (STREET ADDRESS AND CITY)								
391 St. Jude Industrial Park, P.O. Box 395, Marston, MO 63866								
OPERATING PERMIT NUMBER		DATE OPERATING PERMIT IS	SSUED					
OP2001-033		5/1/2001						
TYPE OF REPORT		I Marila da Barr		□ Eurodana Barad				
☐ Annual Compliance Certif		nnual Monitoring Repo		☐ Exceedance Report				
If Annual Compliance Certifica requirements for the Semi-An			ng submitted to	o also fulfill the reporting				
REPORTING PERIOD START DATE		REPORTING PERIOD END DA	TE					
01/01/2019		06/30/2019						
	RESPONSIBLE	E OFFICIAL	PER	MIT CONTACT PERSON				
Name	Charles	Reali		Don Backfisch				
Title	CEC	)	E	Environmental Director				
Mailing Address	P.O. Box 395 Marston, MO 63866		P.O. Box 395 Marston, MO					
Telephone Number with Area Code	573-643-	-0023		573-643-0023				
Has the above information cha	anged since the issuance	of the operating permit	? 🗹 YES [	□ NO				
CERTIFICATION STATEMEN	T							
I certify, based on information true, accurate and complete.*	and belief formed after re-	asonable inquiry, the s	tatements and	d information in this document are				
SIGNATURE OF RESPONSIBLE OFFICIAL  PRINT NAME OF RESPONSIBLE OFFICIAL  Charles Reali								
*This certification means that the signatory has verified compliance with all applicable regulations and operating permit conditions, and that the installation has complied with all monitoring, record keeping, reporting and testing conditions specified in the operating permit unless specified differently in a deviations report. For information concerning administrative and civil penalties, consult Section 643.085 of the Revised Statutes of the State of Missouri (RSMo) and Section 643.151 RSMo, respectively.								
PART 2 DEVIATION INQUIR	Y	SI ANT HO						
FIPS NO. 143		0008						
INSTALLATION NAME								
Magnitude 7 Metals LLC								

REPORTING PERIOD	
1 January 2019 through 30 June 2019	
1. PLANT-WIDE PERMIT CONDITIONS	
Did the installation experience any deviations during the reporting period from the plant-wide permit conditions?	
☐ YES ☑ NO	
2. EMISSION UNIT PERMIT CONDITIONS	
Did the installation experience any deviations during the reporting period from the emission unit permit conditions?	
☐ YES ☑ NO	
3. CORE PERMIT REQUIREMENTS	
Did the installation experience any deviations during the reporting period from the core permit conditions?	
☐ YES ☑ NO	
4. GENERAL PERMIT REQUIREMENTS	
Did the installation experience any deviations during the reporting period from the general permit conditions?	
☐ YES ☑ NO	
NOTE: If you checked "Yes" in any of the four deviation questions above, and the installation has not previously reported the deviations, the installation must complete Part 3 of the Compliance Certification and Monitoring Report Form.	
5. CURRENT COMPLIANCE STATUS	
Are you currently in compliance with all air pollution requirements?  ☑ YES ☐ NO	
MO 780-1808 (09-13)	age 2

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PART 3 - DEVIATIONS FROM REC	PART 3 - DEVIATIONS FROM REQUIRED MONITORING						
FIPS NO.	PLANT NO.	INSTALLATION NAME					
143	0008	Magnitude 7 Metals LLC					
REPORT PERIOD START DATE		REPORT PERIOD END DATE					
01/01/2019		06/30/2019					

PERMIT CONDITION	POLLUTANT	MONITORED LEVEL	MONITORING METHOD	DEVIATION DESCRIPTION	DEVIATION DATE	DEVIATION DURATION	CAUSE OF DEVIATION	CORRECTIVE ACTION
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AIR POLLUTION CONTROL PROGRAM

PART 4 - DEVIATION REPORT	SUMMARY		ACTION SERVICE SERVICE SERVICE SERVICE
FIPS NO.		PLANT NO.	
143		0008	
INSTALLATION NAME			
Magnitude 7 Metals LLC			
REPORTING PERIOD			
1 January 2019 through 30 June 2	2019		
WERE THERE ANY OTHER MONITORING RESOURCES - AIR POLLUTION CONTRO	DEVIATION (EXCESS EMISSION) F	REPORTS SUBMITTED TO THE MISSOURI DE TING PERIOD?	EPARTMENT OF NATURAL
		e the deviation report summary below	
DEDMIT CONDITION	PEROPE	NO DECUIDEMENT	DATE
PERMIT CONDITION	REPORT	NG REQUIREMENT	SUBMITTED
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MO 780-1808 (09-13)			Page 4

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FIPS NO.		PLANT NO.		
143		0008		
INSTALLATION NAME				
Magnitude 7 Metals LLC				
INSTALLATION LOCATION (STREET ADDI	RESS AND CITY)			
391 St. Jude Industrial Park,	P.O. Box 395, Marston, M	1O 63866		
OPERATING PERMIT NUMBER		DATE OPERATING PERMIT IS	SSUED	
OP2001-062		7/23/2001		
TYPE OF REPORT				
Annual Compliance Certifi	cation  Semi-A	nnual Monitoring Repo	ort	☐ Exceedance Report
If Annual Compliance Certification requirements for the Semi-Annual Compliance	ation, is the Annual Compl nual Monitoring Report?	liance Certification bein	ng submitted to	o also fulfill the reporting
REPORTING PERIOD START DATE		REPORTING PERIOD END DA	TE	
01/01/2019		06/30/2019		
	RESPONSIBLE	E OFFICIAL	PER	MIT CONTACT PERSON
Name	Charles	Reali		Don Backfisch
Title	CEC	0	Environmental Director	
Mailing Address	P.O. Box 395 Marston, MO 63866		P.O. Box 395 Marston, MO 63866	
Telephone Number with Area Code	573-643-0023		573-643-0023	
Has the above information cha	anged since the issuance	of the operating permit	?	□ NO
CERTIFICATION STATEMEN	T			
I certify, based on information true, accurate and complete.*	and belief formed after re	asonable inquiry, the s	tatements and	d information in this document are
PRINT NAME OF RESPONSIBLE OFFICIAL Charles Reali	Deal	Di.		9-27-19
*This certification means that t conditions, and that the installa specified in the operating perm and civil penalties, consult Sec RSMo, respectively.	ation has complied with al nit unless specified differe	I monitoring, record ke ntly in a deviations rep	eping, reporting	ng and testing conditions nation concerning administrative
PART 2 DEVIATION INQUIR	Υ			
FIPS NO. 143		PLANT NO. 0008		
INSTALLATION NAME	L			
Magnitude 7 Metals LLC				

REPORTING PERIOD
1 January 2019 through 30 June 2019
1. PLANT-WIDE PERMIT CONDITIONS
Did the installation experience any deviations during the reporting period from the plant-wide permit conditions?
☐ YES ☑ NO
2. EMISSION UNIT PERMIT CONDITIONS
Did the installation experience any deviations during the reporting period from the emission unit permit conditions?
☐ YES ☑ NO
3. CORE PERMIT REQUIREMENTS
Did the installation experience any deviations during the reporting period from the core permit conditions?
☐ YES ☑ NO
4. GENERAL PERMIT REQUIREMENTS
Did the installation experience any deviations during the reporting period from the general permit conditions?
☐ YES ☑ NO
NOTE: If you checked "Yes" in any of the four deviation questions above, and the installation has not previously reported the deviations, the installation must complete Part 3 of the Compliance Certification and Monitoring Report Form.
5. CURRENT COMPLIANCE STATUS
Are you currently in compliance with all air pollution requirements?  ☐ YES ☑ NO
The testing required by permit conditions EU1970-004 through
EU2050-004 were not completed during the first half of 2019.
Testing is scheduled to complete the requirements by the end of
2019. The delayed testing was caused by equipment related issues
affecting the "normal" operation of the facility.
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PART 3 – DEVIATIONS FROM REQUIRED MONITORING				
FIPS NO.	PLANT NO.	INSTALLATION NAME		
143	0008	Magnitude 7 Metals LLC		
REPORT PERIOD START DATE		REPORT PERIOD END DATE		
01/01/2019		06/30/2019		

PERMIT CONDITION	POLLUTANT	MONITORED LEVEL	MONITORING METHOD	DEVIATION DESCRIPTION	DEVIATION DATE	DEVIATION DURATION	CAUSE OF DEVIATION	CORRECTIVE ACTION
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AIR POLLUTION CONTROL PROGRAM

PART 4 - DEVIATION REPORT	SUMMARY		
FIPS NO.		PLANT NO.	
143		0008	
INSTALLATION NAME			
Magnitude 7 Metals LLC			
REPORTING PERIOD			
1 January 2019 through 30 June	2019		
WERE THERE ANY OTHER MONITORING	G DEVIATION (EXCESS EMISSION) I	REPORTS SUBMITTED TO THE MISSOURI DI	EPARTMENT OF NATURAL
		RTING PERIOD? te the deviation report summary belov	
☐ YES ☑ NO (IT yes, submit a	a copy of the report of complet	te the deviation report summary below	DATE
PERMIT CONDITION	REPORT	ING REQUIREMENT	SUBMITTED
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MO 780-1808 (09-13)	1		Page 4

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FIPS NO.		PLANT NO.			
143		0008			
INSTALLATION NAME					
Magnitude 7 Metals LLC				, january 1991	
INSTALLATION LOCATION (STREET ADDR					
391 St. Jude Industrial Park,	P.O. Box 395, Marston, M	1O 63866			
OPERATING PERMIT NUMBER		DATE OPERATING PERMIT ISSUED			
OP2001-066		7/29/2001			
TYPE OF REPORT					
Annual Compliance Certifi		nnual Monitoring Repo		Exceedance Report	
If Annual Compliance Certification requirements for the Semi-Annual Compliance Certification (Compliance Certification)			ng submitted to a	also fulfill the reporting	
REPORTING PERIOD START DATE		REPORTING PERIOD END DA	TE		
01/01/2019		06/30/2019			
	RESPONSIBLE	E OFFICIAL .	PERM	IT CONTACT PERSON	
Name	Charles	Reali	/40.	Don Backfisch	
Title	CEC	)	Environmental Director		
Mailing Address	P.O. Box 395 Marston, MO 63866		P.O. Box 395 Marston, MO 63866		
Telephone Number with Area Code	573-643-0023		573-643-0023		
Has the above information cha	anged since the issuance	of the operating permit	? 🗹 YES 🗌	NO	
CERTIFICATION STATEMEN	The second second				
I certify, based on information true, accurate and complete.*	and belief formed after re	asonable inquiry, the s	tatements and in	nformation in this document are	
SIGNATURE OF RESPONSIBLE OFFICIAL  PRINT NAME OF RESPONSIBLE OFFICIAL  DATE SIGNED  9-27-19					
Charles Reali					
*This certification means that t conditions, and that the installa			olicable regulation	ons and operating permit	
specified in the operating perm and civil penalties, consult Sec RSMo, respectively.	nit unless specified differe	ntly in a deviations rep	eping, reporting ort. For informa	tion concerning administrative	
specified in the operating perm and civil penalties, consult Sec RSMo, respectively.  PART 2 DEVIATION INQUIR	nit unless specified differe ction 643.085 of the Revis	ntly in a deviations rep ed Statutes of the Stat	eping, reporting ort. For informa	tion concerning administrative	
specified in the operating permand civil penalties, consult Sec RSMo, respectively.  PART 2 DEVIATION INQUIR FIPS NO.	nit unless specified differe ction 643.085 of the Revis	ntly in a deviations rep ed Statutes of the Stat	eping, reporting ort. For informa	tion concerning administrative	
specified in the operating perm and civil penalties, consult Sec RSMo, respectively.  PART 2 DEVIATION INQUIR	nit unless specified differe ction 643.085 of the Revis	ntly in a deviations rep ed Statutes of the Stat	eping, reporting ort. For informa	tion concerning administrative	
specified in the operating permand civil penalties, consult Sec RSMo, respectively.  PART 2 DEVIATION INQUIR FIPS NO.	nit unless specified differe ction 643.085 of the Revis	ntly in a deviations rep ed Statutes of the Stat	eping, reporting ort. For informa	tion concerning administrative	

REPORTING PERIOD
1 January 2019 through 30 June 2019
1. PLANT-WIDE PERMIT CONDITIONS
Did the installation experience any deviations during the reporting period from the plant-wide permit conditions?
☐ YES ☑ NO
2. EMISSION UNIT PERMIT CONDITIONS
Did the installation experience any deviations during the reporting period from the emission unit permit conditions?
☐ YES ☑ NO
3. CORE PERMIT REQUIREMENTS
Did the installation experience any deviations during the reporting period from the core permit conditions?
☐ YES ☑ NO
4. GENERAL PERMIT REQUIREMENTS
Did the installation experience any deviations during the reporting period from the general permit conditions?
☐ YES ☑ NO
NOTE: If you checked "Yes" in any of the four deviation questions above, and the installation has not previously reported the deviations, the installation must complete Part 3 of the Compliance Certification and Monitoring Report Form.
5. CURRENT COMPLIANCE STATUS
Are you currently in compliance with all air pollution requirements?  ☐ YES ☑ NO
The testing required by permit conditions EU4710-003 through EU4870-003 has not been completed. The units covered under Permit OP2001-066 are not in operation at this time and cannot be tested until they are restarted. The testing will be done as soon as practicable after they are on-line.
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PART 3 — DEVIATIONS FROM REQUIRED MONITORING					
FIPS NO.	PLANT NO.	INSTALLATION NAME			
143	0008	Magnitude 7 Metals LLC			
REPORT PERIOD START DATE		REPORT PERIOD END DATE			
01/01/2019		06/30/2019			

PERMIT CONDITION	POLLUTANT	MONITORED LEVEL	MONITORING METHOD	DEVIATION DESCRIPTION	DEVIATION DATE	DEVIATION DURATION	CAUSE OF DEVIATION	CORRECTIVE ACTION

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AIR POLLUTION CONTROL PROGRAM

FIPS NO.  143  INSTALLATION NAME  Magnitude 7 Metals LLC  REPORTING PERIOD  1 January 2019 through 30 June 2019  WERE THERE ANY OTHER MONITORING DEVIATION (EXCESS EMISSION) REPORTS SUBMITTED TO THE MISSOURI DEPARTMENT OF NATURAL RESOURCES - AIR POLLUTION CONTROL PROGRAM DURING THIS REPORTING PERIOD?  YES NO (If yes, submit a copy of the report or complete the deviation report summary below.)  PERMIT CONDITION  REPORTING REQUIREMENT  DATE SUBMITTED
INSTALLATION NAME  Magnitude 7 Metals LLC  REPORTING PERIOD  1 January 2019 through 30 June 2019  WERE THERE ANY OTHER MONITORING DEVIATION (EXCESS EMISSION) REPORTS SUBMITTED TO THE MISSOURI DEPARTMENT OF NATURAL RESOURCES - AIR POLLUTION CONTROL PROGRAM DURING THIS REPORTING PERIOD?  TYES NO (If yes, submit a copy of the report or complete the deviation report summary below.)
Magnitude 7 Metals LLC  REPORTING PERIOD  1 January 2019 through 30 June 2019  WERE THERE ANY OTHER MONITORING DEVIATION (EXCESS EMISSION) REPORTS SUBMITTED TO THE MISSOURI DEPARTMENT OF NATURAL RESOURCES - AIR POLLUTION CONTROL PROGRAM DURING THIS REPORTING PERIOD?    YES   NO (If yes, submit a copy of the report or complete the deviation report summary below.)
Tanuary 2019 through 30 June 2019  WERE THERE ANY OTHER MONITORING DEVIATION (EXCESS EMISSION) REPORTS SUBMITTED TO THE MISSOURI DEPARTMENT OF NATURAL RESOURCES - AIR POLLUTION CONTROL PROGRAM DURING THIS REPORTING PERIOD?  ■ YES ■ NO (If yes, submit a copy of the report or complete the deviation report summary below.)
1 January 2019 through 30 June 2019  WERE THERE ANY OTHER MONITORING DEVIATION (EXCESS EMISSION) REPORTS SUBMITTED TO THE MISSOURI DEPARTMENT OF NATURAL RESOURCES - AIR POLLUTION CONTROL PROGRAM DURING THIS REPORTING PERIOD?  ☐ YES ☑ NO (If yes, submit a copy of the report or complete the deviation report summary below.)
WERE THERE ANY OTHER MONITORING DEVIATION (EXCESS EMISSION) REPORTS SUBMITTED TO THE MISSOURI DEPARTMENT OF NATURAL RESOURCES - AIR POLLUTION CONTROL PROGRAM DURING THIS REPORTING PERIOD?  YES NO (If yes, submit a copy of the report or complete the deviation report summary below.)
☐ YES ☑ NO (If yes, submit a copy of the report or complete the deviation report summary below.)  DATE
☐ YES ☑ NO (If yes, submit a copy of the report or complete the deviation report summary below.)  DATE
DATE
PERMIT CONDITION REPORTING REQUIREMENT SUBMITTED
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